

**Daily Engineering Control Verification Sampling**  
**General Services Administration**  
**Department of the Interior Modernization Program**  
**1849 C Street NW, Washington, DC**

**Week ending: 1/08/2009**

Note 1: TVOC = Total Volatile Organic Compounds, which is the total concentration of any volatile organic compounds that may be present. Volatile organic compounds are organic chemicals that have a high vapor pressure and easily form vapors at normal temperature. While there is currently no Permissible Exposure Limit (PEL) for TVOCs, an action level of 1.3 parts per million (ppm) has been established for this project based on best available research.

Note 2: OSHA Total and Respirable Particulate PEL = 15.0 milligrams per cubic meter of air ( $\text{mg}/\text{m}^3$ ) for total particulates, 5.0  $\text{mg}/\text{m}^3$  for respirable particulates.

**Friday: 1/02/2009**

| Floor | Location                             | Time | Total<br>Particulates<br>( $\text{mg}/\text{m}^3$ ) | TVOC<br>(ppm) | Comments |
|-------|--------------------------------------|------|---|---------------|----------|
| 7     | Along main corridor between wing 4&2 | 1227 | 0.018   | 0.0           |          |
| 6     | Along main corridor between wing 2&4 | 1229 | 0.007   | 0.0           |          |
| 5     | Along main corridor between wing 4&2 | 1231 | 0.006   | 0.0           |          |
| 4     | Along main corridor between wing 2&4 | 1233 | 0.009   | 0.0           |          |
| 3     | Along main corridor between wing 4&2 | 1235 | 0.011   | 0.0           |          |
| 2     | Along main corridor between wing 2&4 | 1237 | 0.012   | 0.0           |          |
| 1     | Along main corridor between wing 4&2 | 1238 | 0.011   | 0.0           |          |
| B     | Along main corridor between wing 2&4 | 1240 | 0.017   | 0.0           |          |
|       |                                      |      |   |               |          |

**Monday: 1/05/2009**

| Floor | Location                             | Time | Total<br>Particulates<br>( $\text{mg}/\text{m}^3$ ) | TVOC<br>(ppm) | Comments |
|-------|--------------------------------------|------|---|---------------|----------|
| 7     | Along main corridor between wing 4&2 | 1038 | 0.031   | 0.0           |          |
| 6     | Along main corridor between wing 2&4 | 1040 | 0.021   | 0.0           |          |
| 5     | Along main corridor between wing 4&2 | 1042 | 0.019   | 0.0           |          |
| 4     | Along main corridor between wing 2&4 | 1044 | 0.044   | 0.0           |          |
| 3     | Along main corridor between wing 4&2 | 1046 | 0.023   | 0.0           |          |
| 2     | Along main corridor between wing 2&4 | 1048 | 0.038   | 0.0           |          |
| 1     | Along main corridor between wing 4&2 | 1050 | 0.033   | 0.0           |          |
| B     | Along main corridor between wing 2&4 | 1051 | 0.041   | 0.0           |          |
|       |                                      |      |   |               |          |

**Tuesday: 1/06/2009**

| Floor | Location                             | Time | Total<br>Particulates<br>(mg/m <sup>3</sup> ) | TVOC<br>(ppm) | Comments |
|-------|--------------------------------------|------|---|---------------|----------|
| 7     | Along main corridor between wing 4&2 | 1214 | 0.021   | 0.0           |          |
| 6     | Along main corridor between wing 2&4 | 1216 | 0.022   | 0.0           |          |
| 5     | Along main corridor between wing 4&2 | 1218 | 0.013   | 0.0           |          |
| 4     | Along main corridor between wing 2&4 | 1219 | 0.017   | 0.0           |          |
| 3     | Along main corridor between wing 4&2 | 1221 | 0.019   | 0.0           |          |
| 2     | Along main corridor between wing 2&4 | 1223 | 0.045   | 0.0           |          |
| 1     | Along main corridor between wing 4&2 | 1225 | 0.035   | 0.0           |          |
| B     | Along main corridor between wing 2&4 | 1226 | 0.034   | 0.0           |          |
|       |                                      |      |   |               |          |

**Wednesday: 1/07/2009**

| Floor | Location                             | Time | Total<br>Particulates<br>(mg/m <sup>3</sup> ) | TVOC<br>(ppm) | Comments |
|-------|--------------------------------------|------|---|---------------|----------|
| 7     | Along main corridor between wing 4&2 | 1339 | 0.015   | 0.0           |          |
| 6     | Along main corridor between wing 2&4 | 1341 | 0.011   | 0.0           |          |
| 5     | Along main corridor between wing 4&2 | 1343 | 0.009   | 0.0           |          |
| 4     | Along main corridor between wing 2&4 | 1345 | 0.008   | 0.0           |          |
| 3     | Along main corridor between wing 4&2 | 1346 | 0.014   | 0.0           |          |
| 2     | Along main corridor between wing 2&4 | 1348 | 0.018   | 0.0           |          |
| 1     | Along main corridor between wing 4&2 | 1350 | 0.026   | 0.0           |          |
| B     | Along main corridor between wing 2&4 | 1351 | 0.025   | 0.0           |          |
|       |                                      |      |   |               |          |

**Thursday: 1/8/2009**

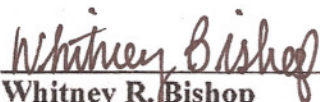
| Floor | Location                             | Time | Total<br>Particulates<br>(mg/m <sup>3</sup> ) | TVOC<br>(ppm) | Comments |
|-------|--------------------------------------|------|---|---------------|----------|
| 7     | Along main corridor between wing 4&2 | 1354 | 0.022   | 0.0           |          |
| 6     | Along main corridor between wing 2&4 | 1356 | 0.017   | 0.0           |          |
| 5     | Along main corridor between wing 4&2 | 1358 | 0.014   | 0.0           |          |
| 4     | Along main corridor between wing 2&4 | 1400 | 0.012   | 0.0           |          |
| 3     | Along main corridor between wing 4&2 | 1401 | 0.015   | 0.0           |          |
| 2     | Along main corridor between wing 2&4 | 1403 | 0.038   | 0.0           |          |
| 1     | Along main corridor between wing 4&2 | 1405 | 0.033   | 0.0           |          |
| B     | Along main corridor between wing 2&4 | 1407 | 0.036   | 0.0           |          |
|       |                                      |      |   |               |          |

## Follow-Up Sampling in Areas with Results Above Established Action Levels

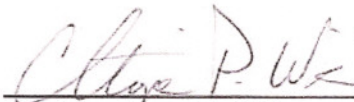
| Floor | Location | Retest Time | Total Particulates (mg/m <sup>3</sup> ) | TVOC (ppm) | Comments |
|-------|----------|-------------|---|------------|----------|
|       | N/A      |             |   |            |          |
|       |          |             |   |            |          |
|       |          |             |   |            |          |
|       |          |             |   |            |          |

### Additional Comments

| Date | Floor | Comments |
|------|-------|----------|
|      |       |          |
|      |       |          |
|      |       |          |
|      |       |          |



Whitney R. Bishop  
Industrial Hygienist



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### Distribution

| MACTEC              | GSA                        | Jacobs Engineering | DOI                |
|---------------------|----------------------------|--------------------|--------------------|
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|                     | Pradip Patel, Assistant PM |                    |                    |